

WHAT IS CLAIMED IS:

1. An air-conditioning control apparatus, comprising:
a heater which includes a heat source inside thereof and heats supplied air,
wherein an electric lamp provided with a filament is used as the heat source, the filament is energized to light the electric lamp, heat generated by lighting the electric lamp is used as the heat source, and at least one said heater is arranged in a supply path for supplying air-conditioning air to an air-conditioned room.
2. The air-conditioning control apparatus as defined in claim 1, further comprising an additional heater arranged in the supply path of air-conditioning air, wherein:
the heater said in claim 1 is arranged in the supply path on a downstream side than the additional heater;
the additional heater arranged in the supply path on an upstream side is controlled by a first control device with a predetermined resolution according to temperature information from a first temperature sensor arranged on the supply path;
the heater said in claim 1 arranged in the supply path on the downstream side is controlled by a second control device with a resolution higher than the first control device according to temperature information from a second temperature sensor arranged at a predetermined position in the air-conditioned room; and
air-conditioning air subjected to temperature control with the higher resolution is supplied to the predetermined position.
3. The air-conditioning control apparatus as defined in claim 2, further comprising:
a cooler which cools air taken into the supply path to a predetermined temperature and is arranged in the supply path on an upstream side than the heater, the cooler comprising:
a pump which continuously supplies chilled fluid stored in a chilled fluid producing apparatus to the cooler via a fluid path;
a temperature sensor which measures temperature of the chilled fluid continuously supplied by the pump and is arranged on the fluid path; and
a chilled fluid temperature control device which feedback controls temperature of the chilled fluid according to information from the temperature sensor and is arranged on the fluid

path.

4. The air-conditioning control apparatus as defined in claim 2, wherein:
the heater said in claim 1 is arranged in a duct unit detachably attached to the supply path; and
an opening for removing the heater said in claim 1 from the duct unit is formed in the duct unit, and a cover for opening and closing the opening is attached to the opening.
5. The air-conditioning control apparatus as defined in claim 4, further comprising:
a cooler which cools air taken into the supply path to a predetermined temperature and is arranged in the supply path on an upstream side than the heater, the cooler comprising:
a pump which continuously supplies chilled fluid stored in a chilled fluid producing apparatus to the cooler via a fluid path;
a temperature sensor which measures temperature of the chilled fluid continuously supplied by the pump and is arranged on the fluid path; and
a chilled fluid temperature control device which feedback controls temperature of the chilled fluid according to information from the temperature sensor and is arranged on the fluid path.